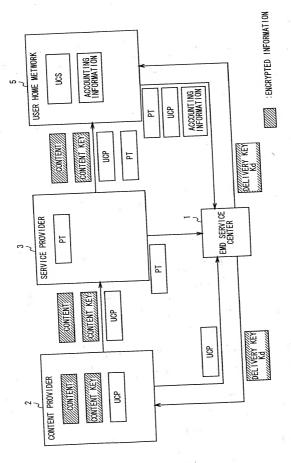
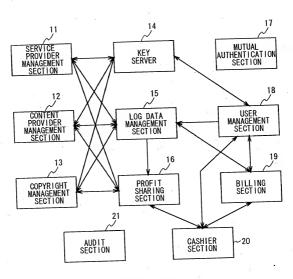


16.1



F1G. 2



Committee of the control of the cont

EMD SEVICE CENTER 1

FIG. 3

												_
EN F	1998/1/1 :1998/1/31	1998/2/1 1996/2/20	1998/4/1 1998/4/30 1998/5/1 1998/5/31	1998/6/1 1998/6/30		.	_	DELIVERY KEYS POSSESSED BY RECEIVER	VALIDITY PERIOD START END	1998/1/1 1998/1/31	1998/2/1 1998/2/28	1998/3/1 1998/3/31
POSSESSED BY		3 19	4 19	+		SEND DELIVERY KEYS	_/	KEYS POSSESSE	VERS I ON	-	2 1	3 1
DELIVERY KEYS DELIVERY	KEY	pppppppp	pppppppp	fffffff				DEL I VERY	DEL IVRY KEY	aaaaaaaa	ppppppp	2000000
	DEL IVERY KEY	usen V	SEND DELIVERY	REIS	-					DELIVERY KEY	USED	
DELIVERY KEYS POSSESSED BY CONTENT PROVIDER	START END 1008/1/1 1998/1/31	+	+	-+	1 /0/8661							
KEYS POSSE	VERSION	2	8 4	2	9							
DELIVERY	DEL IVRY KEY	aaaaaaaa ppppppppppppppppppppppppppppp	ppppppppppppppppppppppppppppppppppppppp	еееееее	fffffff							
	DELIVERY											

4

1998/2/1 1998/2/28 1998/3/1 1998/3/31 1998/4/1 1998/4/30

> bbbbbbbb ddddddd

VALIDITY PERIOD START END

VERSION

DEL IVERY KEY

DELIVERY KEYS POSSESSED BY EMD SERVICE CENTER	VALIDITY PEKTUD START END	-	1998/2/1 1998/2/28	1998/3/1 1996/3/30	1998/5/1 1998/5/31	1008/6/1 1998/6/30	1908/7/1 1998/7/31	1077 /0001 1 /7 /0001	F	SEND DELIVERY	EYS (\	DELIVERY KEYS POSSESSED BY RECEIVER
YS POSSESSEI	VERSION	-	2	20	+ 14	2 4			L	DELS	<u>~</u>	/	Y KEYS POSSE
DEL I VERY KE	DEL I VERY KEY	aaaaaaaa	ddddddd ★	0000000	ddddddd	<u>ω</u> Ι,		88888888					DELIVER
<u>د</u>			EL IVERY	OSED		SEND NEI IVERY	KEYS						
DELIVERY KEYS POSSESSED BY CONTENT PROVIDER	VALIDITY PERIOD	1998/2/28	1998/3/1 1998/3/31	1998/4/1 1998/4/30	1998/5/1 1998/5/31	1998/6/1 1998/6/30	1998/7/31						
SED BY CON	VALIDIT		1998/3/1	1998/4/1	-	-	1/2/8661						
(EYS POSSES	VERSION	6	۳ د	4	2	9	7						
DEL I VERY	DELIVERY	NE T	2000000	ddddddd	еееееее	ffffffff	gggggggg				1		
		DELIVERY	KEY										

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ENTER		=	∞	=	ച	<u></u>	ලූ	<u></u>	<u></u>						١	_	٦	-
VICE C	VALIDITY PERIOD START END	1998/1/31	1998/2/28	1998/3/31	1998/4/1 1998/4/30	1998/5/1 1998/5/31	1998/6/1 1998/6/30	1998/7/1 1998/7/31	1998/8/1 1998/8/31						I VER	VALIDITY PERIOD	2	10101000
MD SER	PT I	\vdash		3/1	4/1	5/1	16/1	1/1	1 1/8						Y RECE	TIDITY	START	77. 47
) BY EI	VALIDI	1998/1/1	1998/2/1	1998/3/1	1998/	1998/	1998/	1998/	1998/	Γ	SEND	L I VERY	V	\	SSED B	VAL	S	
SSESSEI	VERS I ON	1	2	က	4	2	9	7	∞	L		ᆸ	: '''		POSSE	VEDCION	200	
YS PO	VERS														Y KEYS	_		-
DELIVERY KEYS POSSESSED BY EMD SERVICE CENTER	DEL IVERY KEY	aaaaaaa	qqqqqqq	2222222	pppppppp	eeeeeee	fffffff	RERERER	hhhhhhh						DELIVERY KEYS POSSESSED BY RECEIVER	FI IVERY	ΚĒΥ	
DEL.	<u> </u>		岛	8	B	ee	#	80	둗	J					_	_=	-	1
	SEND	KEYS	}	<u>.</u>	_												\ 20	_
~		_	١	KEY EK	USED												VCI IVED	_
SOVIDE	ER 100	/3/31	3/4/30	3/5/31	3/6/30	3/7/31	1998/8/31											
FNT	E E	1998	1998	1998	1998	1998	1998											
Y CONT	VALIDITY PERIOD	1998/3/1 1998/3/31	1998/4/1 1998/4/30	1998/5/1 1998/5/31	1998/6/1 1998/6/30	1998/7/1 1998/7/31	1998/8/1											
SED B		5	+	+-	61 19	+	8	┨										
SUSSES	/ERS I ON																	
3	2 2		, ,	3 0	-	- b	ء ام	-										
PROVIDER PROCESSED BY CONTENT PROVIDER	DEL IVERY		מממממממ	addadada	+++++++	0000000	PEPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP											
ž	5 L-	' /	,		_													
		IVERY		John Transport														

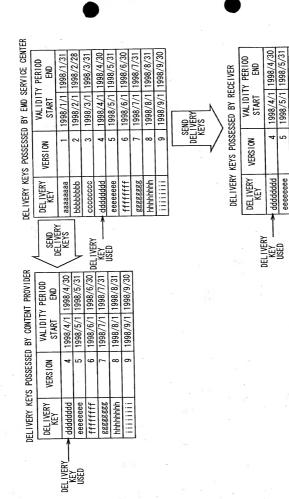
dddddddd 00000000

1998/4/1 1998/4/30 1898/5/1 1998/5/31 1698/3/1 1998/3/31

1998/6/30

1998/6/1

fffffff



6.7

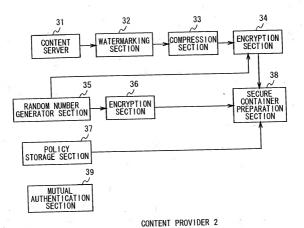
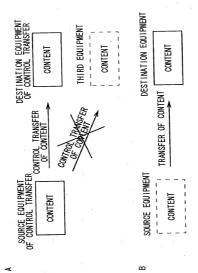


FIG. 8

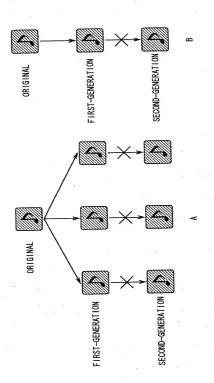
)			
ID OF CONTENT A	ID OF CONTENT PROVIDER 2	1D OF ucpB	VALIDITY PERIOD OF UCPB	200 POINTS OR LOWER	NO CONDITION	ID OF USAGE DETAILS 21	Pay Per Play 4	REPRODUCTION FOUR TIMES	NOT PERMITTED	ID OF USAGE DETAILS 22	Pay Per Copy 2	DUPLICATES TWO TIMES	NOT PERMITTED	
ID OI	IDER ID		PER 100	USER CONDITIONS 20	EQUIPMENT CONDITIONS 20	ID 21	TYPE 21	PARAMETER 21	CONTROL TRANSFER PERMISSION INFORMATION 21	10 22	PARAMETER 22	PARAMETER 22	CONTROL TRANSFER PERMISSION INFORMATION 22	
CONTENT 1D	CONTENT PROVIDER ID	OI dOII	UCP VALIDITY PERIOD		USAGE DETAILS ZU	×		USAGE DETAILS 21			,	USAGE DETAILS 22		

F16.9

	۵	Δ		UCPA
PROVIDE LOD OF LOOP A OR HILL ON CONI] <u> </u>		ID OF USAGE DE OF USAGE IN TELS 13 LIMITED-TIME X X X X X NOT PERMITTED	Pay Per DUPLIC FIVE
1D OF CONTENT 1D OF CONTENT 1D OF VALIDITY PER USER CONDITIONS 10 CONDITIONS 10	ID 11 TYPE 11 PARAMETER 11 CONTROL TRANSFER PERMISSION INFORMATION 11	1D 12 TYPE 12 PARAMETER 12 CONTROL TRANSFER PERMISSION INFORMATION 12	ID 13 TYPE 13 PARAMETER 13 CONTROL TRANSFER PERMISSION INFORMATION 13	1D 14 TYPE 14 PARAMETER 14 CONTROL TRANSFER PERM SSION INFORMATION 14
CONTENT ID UCP ID UCP VALIDITY USAGE CONDITIONS 10	USAGE DETAILS 11	USAGE DETAILS 12	USAGE DETAILS 13	USAGE DETAILS 14



16. 10



F16.11

Δ

SERVICE CODE	INDICATION
0000h	NO CONDITION
0001h T0 00FFh	WITH CONDITIONS FOR EQUIPMENT
0100h T0 01FFh	WITH CONDITIONS FOR SEX
0200h T0 02FFh	WITH CONDITIONS FOR AGE
	WITH OTHER CONDITIONS
8000h TO FFFFh	WITH CONDITIONS FOR USE POINT

B

CONDITION CODE	INDICATION
00h	NO CONDITION
01h	= ;
02h	≠
03h	< (SMALLER)
04h	> (LARGER)
05h	≦(EQUAL OR SAMLLER)
06h	≥ (EQUAL OF LARGER)
07h TO FFh	FREE

FIG. 12

A

USFR	SERVICE CODE	VALUE CODE	CONDITION CODE
CONDITIONS 10	80 × × h	0000C8h	06h
FQUIPMENT	SERVICE CODE	VALUE CODE	CONDITION CODE
CONDITIONS 10	0000h	FFFFFFh	00h

USAGE CONDITIONS 10 OF UCPA

В

USER	SERVICE CODE	VALUE CODE	CONDITION CODE
CONDITIONS 20	80 × × h	0000C8h	03h
FQUIPMENT	SERVICE CODE	VALUE CODE	CONDITION CODE
CONDITIONS 20	0000h	FFFFFFh	00h

USAGE CONDITIONS 20 OF UCPB

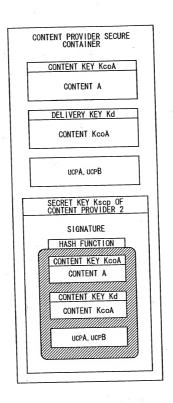


FIG. 14

AUTHENTICATION CERTIFICATE OF CONTENT PROVIDER 2 VERSION NUMBER OF AUTHENTICATION CFRTIFICATE SERIAL NUMBER OF AUTHENTICATION CERITIFICATE ASSIGNED BY CERTIFICATION AGENCY ALGORITHM AND PARAMETERS USED FOR SIGNATURE NAME OF CERTIFICATION AGENCY VALIDITY PERIOD OF AUTHENTICATION CERTIFICATE NAME (ID) OF CONTENT PROVIDER 2 PUBLIC KEY Kpcp OF CONTENT PROVIDER 2 SECRET KEY Ksca OF CERTIFICATION AGENCY SIGNATURE HASH FUNCTION VERSION NUMBER OF AUTHENTICATION CERTIFICATE SERIAL NUMBER OF AUTHENTICATION CERITIFICATE ASSIGNED BY CERTIFICATION AGENCY ALGORITHM AND PARAMETERS USED FOR SIGNATURE NAME OF CERTIFICATION AGENCY VALIDITY PERIOD OF AUTHENTICATION CERTIFICATE NAME (ID) OF CONTENT PROVIDER 2 PUBLIC KEY Kpcp OF CONTENT PROVIDER 2

FIG. 15

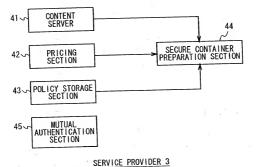


FIG. 16

ONTENT ID	ID OF CONTENT A.		CONTENT ID	ID OF CONTENT A
CONTENT DOCUMED IN		VIDER 2	CONTENT PROVIDER ID	ID OF CONTENT PROVIDER 2
DINIENI FROVIDEN ID			UCP ID	ID OF ucp A
OF ID	1	F InpA	UCP VALIDITY PERIOD	VALIDITY PERIOD OF UCPA
OCP VALIDITI PENTOD	-	VIDER 3	SERVICE PROVIDER ID	ID OF SERVICE PROVIDER 3
EKVICE FROVIDEN ID			OI TO	1D OF PTA-2
PI 10	מימים אדו מי וייי	2.4	DT WILLIAM PERIOD	VALIDITY PERIOD OF PTA-2
PT VALIDITY PERTUD	VALIDITI PERIOD OF PIA-	I VIV		LISER CONDITIONS 20 FEMALE
	USEK CONDITIONS TO MALE	MALE	PRICING	CIV LINE
CONDITIONS 10	EQUIPMENT	CONDITIONS	CONDITIONS 20	CONDITIONS 20 CONDITIONS
10.0	SOUNDITIONS		PRICE 21	1000YEN
PRICE 11	1710007		00 10 10	SUUNEN
PRICF 12	600YEN		PRICE 22	2000
DD 10E 12	100YFN		PRICE 23	SOYEN
AINE 13	NEWOOC		PRICE 24	150YEN
PKICE 14	SOULLIN			

٨

USER	SERVICE CODE	VALUE CODE	CONDITION CODE
CONDITIONS 10	01 × × h	000000h	01h
EQUIPMENT	SERVICE CODE	VALUE CODE	CONDITION CODE
CONDITIONS 10	0000h	FFFFFFh	00h

PRICING CONDITIONS 10 OF PTA-1

В

USER	SERVICE CODE	VALUE CODE	CONDITION CODE		
CONDITIONS 20	01 × × h	000001h	01h		
EQUIPMENT	SERVICE CODE	VALUE CODE	CONDITION CODE		
CONDITIONS 20	0000h	FFFFFFh	00h		

PRICING CONDITIONS 20 OF PTA-2

			The second secon	
CONTENT ID	ID OF CONTENT A	CONTENT ID	ID OF CONIENI A	
CONTENT ID	CONTENT ID OF CONTENT PROVIDER 2	CONTENT PROVIDER ID	CONTENT PROVIDER ID ID OF CONTENT PROVIDER 2	
CONTENT PROVIDEN ID	15 of b	UI doll	1D OF ucpB	
UCP ID	ID OF UCP D	SERVICE DECVINED IN	SCENTICE DECIVINED IN IN OF SERVICE PROVIDER 3	
SERVICE PROVIDER ID	SERVICE PROVIDER ID ID OF SERVICE PROVIDER 3	SERVICE LINOVIDER ID		
DI ID	ID 0F PTB-1	PT ID	ID UF PIB-2	
OUT WILLIAM DEDION	TAT WALLIALTY DEDION VALINITY PERION OF PIR-1	PT VALIDITY PERIOD	PT VALIDITY PERIOD VALIDITY PERIOD OF PTB-2	
PI VALIDILI FLINION	יייייייייייייייייייייייייייייייייייייי		IICER NO	
SNIOING	CONDITIONS 30 CONDITIONS	PRICING	CONDITIONS 40 CONDITIONS	
CONDITIONS 30	TOTTO	CONDITIONS 40	FOILI PMENT MASTER	
	CONDITIONS 30 FOULDMENT		CONDITIONS 40 EQUIPMENT	
	11.000	DDINE 41	SOYEN	
PRICE 31	IOUYEN	LVIOL	MEXOL	
PRICE 32	300YEN	PRICE 42	IDOLEN	

10 10

Δ

USER CONDITIONS 30	SERVICE CODE	VALUE CODE	CONDITION CODE
	0000h FFFFFFh		00h
EQUIPMENT CONDITIONS 30	SERVICE CODE	VALUE CODE	CONDITION CODE
	00 × × h	000064h	03h

PRICING CONDITIONS 30 OF PTB-1

В

USER		SERVICE CODE	VALUE CODE	CONDITION CODE	
١	CONDITIONS 40	0000h	FFFFFFh	00h	
Ì	FQUIPMENT	SERVICE CODE	VALUE CODE	CONDITION CODE	
Ì	CONDITIONS 40	00 × × h	000064h	06h	

PRICING CONDITIONS 40 OF PTB-2

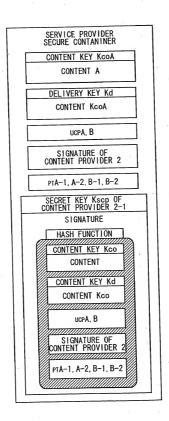
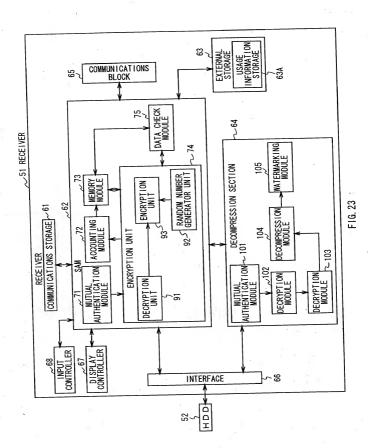


FIG. 21

AUTHENTICATION CERTIFICATE OF SERVICE PROVIDER 3 VERSION NUMBER OF AUTHENTICATION CERTIFICATE SERIAL NUMBER OF AUTHENTICATION CERTIFICATE ASSIGNED BY CERTIFICATION AGENCY ALGORITHM AND PARAMETERS USED FOR SIGNATURE NAME OF CERTIFICATION AGENCY VALIDITY PERIOD OF AUTHENTICATION CERTIFICATE NAME(ID) OF SERVICE PROVIDER 3 PUBLIC KEY Kpsp OF SERVICE PROVIDER 3 SECRET KEY Ksca OF CERTIFICATION AGENCY SIGNATURE HASH FUNCTION VERSION NUMBER OF AUTHENTICATION CERTIFICATE SERIAL NUMBER OF AUTHENTICATION CERTIFICATE ASSIGNED BY CERTIFICATION AGENCY ALGORITHM AND PARAMETERS USED FOR SIGNATURE NAME OF CERTIFICATION AGENCY VALIDITY PERIOD OF AUTHENTICATION CERTIFICATE NAME (ID) OF SERVICE PROVIDER 3 PUBLIC KEY Kpsp OF SERVICE PROVIDER 3

F1G, 22



AUTHENTICATION CERTIFICATE OF SAM 62

VERSION NUMBER OF AUTHENTICATION CERTIFICATE

SERIAL NUMBER OF AUTHENTICATION CERTIFICATE ASSIGNED BY CERTIFICATION AGENCY

ALGORITHM AND PARAMETERS USED FOR SIGNATURE

NAME OF CERTIFICATION AGENCY

VALIDITY PERIOD OF AUTHENTICATION CERTIFICATE

NAME(ID) OF SAM 62

PUBLIC KEY Kpu OF SAM 62

SECRET KEY Ksca OF CERTIFICATION AGENCY

SIGNATURE

HASH FUNCTION

VERSION NUMBER OF AUTHENTICATION CERTIFICATE

SERIAL NUMBER OF AUTHENTICATION CERTIFICATE ASSIGNED BY CERTIFICATION AGENCY

ALGORITHM AND PARAMETERS USED FOR SIGNATURE

NAME OF CERTIFICATION AGENCY

VALIDITY PERIOD OF AUTHENTICATION CERTIFICATE

NAME(ID) OF SAM 62

PUBLIC KEY Kpu OF SAM 62

PARAMETER INDICATING WHETHER GIVEN SAM IS SUBORDINATE TO OTHER SAM

CONTE	NT ID	ID OF CONTENT A			
CONTE	NT PROVIDER ID	ID OF CONTENT PROVIDER 2			
UCP 1	D	ID OF UCPA			
UCP \	ALIDITY PERIOD	VALIDITY PERIOD OF UCPA			
SERV	ICE PROVIDER ID	ID OF SERVICE PROVIDER 3			
PT ID		ID OF PTA-1			
PT V	ALIDITY PERIOD	VALIDITY PERIOD OF PTA-1			
UCS ID		ID OF ucsA			
SAM ID		ID OF SAM62			
USER 1D		ID OF USER F			
1	ID	ID OF USAGE DETAILS 13			
Re.	TYPE	LIMITED-TIME REPRODUCTION			
TAIL	PARAMETER	×××			
اى ا	CONTROL TRANSFER	SOURCE: ID OF SAM62. DESTINATION: ID OF SAM62			
U	ISAGE HISTORY	xxx			

ncsA

F1G. 25

					63
	-			П	STORAGE
					USAGE INFORMATION STORAGE 63
RP-2 RP-3	RP-N	RP-1 RP-2		RP-N	E E
AREA AREA AREA	AREA	area area		AREA	USAG
MEMORY MEMORY MEMORY	MEMORY	MEMORY Memory		MEMORY	
USAGE INFORMATION MEMORY AREA RP-2 USAGE INFORMATION MEMORY AREA RP-2 USAGE INFORMATION MEMORY AREA RP-3	USAGE INFORMATION MEMORY AREA RP-N	USAGE INFORMATION MEMORY AREA RP-1 USAGE INFORMATION MEMORY AREA RP-2		USAGE INFORMATION MEMORY AREA RP-N	
USAGE USAGE USAGE	USAGE	USAGE	~	USAGE	,
			•		
BP-1			BP-M		
BLOCK BP-1			BLOCK BP-M		

16.26

CONTE	NT ID	ID OF CONTENT A		
CONTENT PROVIDER ID		ID OF CONTENT PROVIDER 2		
UCP ID		ID OF UCPA		
		VALIDITY PERIOD OF UCPA		
SERVICE PROVIDER ID		ID OF SERVICE PROVIDER 3		
PT ID		ID OF PTA-1		
PT VALIDITY PERIOD		VALIDITY PERIOD OF PTA-1		
UCS ID		ID OF ucsA		
SAM ID		ID OF SAM62		
USER ID		ID OF USER F		
ID		ID OF USAGE DETAILS 13		
I R.	TYPE	PURCHASE AND REPRODUCE		
JSAGE TAILS	PARAMETER	×××		
	CONTROL TRANSFER STATUS	SOURCE: ID OF SAM62. DESTINATION: ID OF SAM62		
ACC	COUNTING HISTORY	×××		

ACCOUNTING INFORMATION A

FIG. 27

	PUBLIC KEY Kpu OF SAM62
	SECRET KEY Ksu OF SAM62
F	PUBLIC KEY Kpesc OF THE EMD SERVICE CENTER 1
	PUBLIC KEY Kpca OF THE CERTIFICATION AGENCY
	SAVE KEY Ksave
	THREE MONTHS' DELIVERY KEYS Kd
	:
l	AUTHENTICATION CERTIFICATE OF SAM62
	REFERENCE INFORMATION 51
	ACCOUNTING INFORMATION
	VERIFICATION VERIFICATION
	VALUES HP-1 VALUES TIP-2 VERIFICATION
	VALUES HP-M

FIG. 28

	SAM ID	ID OF SAM62	
	EQUIPMENT NUMBER	EQUIPMENT NUMBER (100) OF RECEIVERS 51	
	SETTLEMENT ID	SETTLEMENT ID OF USER	
	CHARGE LIMIT	FORMAL REGISTRATION	
ÁCCOUNT USER IN	NAME	NAME OF USER	
	ADDRESS	ADDRESS OF USER	
	PHONE NUMBER	PHONE NUMBER OF USER	
	SETTLEMENT INSTITUTION INFORMATION	SETTLEMENT INSTITUTION INFORMATION OF USER	
INFORMATI	DATA OF BIRTH	DATE OF BIRTH OF USER	
18 H	AGE	AGE OF USER(21 YEARS)	
	SEX	SEX OF USER (MALE)	
28	USER 1D	USER ID OF USER	
	PASSWORD	PASSWORD OF USER	

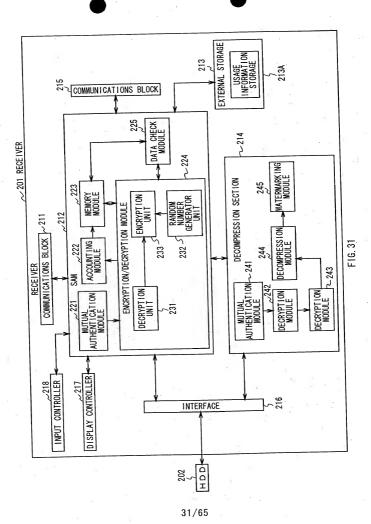
		_
USE POINT INFORMATION	USE POINF INFORMATION OF RECEIVERS 51	

REFERENCE INFORMATION 51

	.18	T SECT	ION						
STATUS SIGNATURE SIGNATURE TO FLAG TO CONDITIONS REGISTRATION LIST	9	× × ×					CAM INFORMATION SECTION		
SIGNATURE TO CONDITIONS		× × ×		× × ×	,		CAM INFORM		
STATUS	:	RESTRI- CTION	9	RESTRI- CTION		ID OF SAM62	× × ×	×	2
SAM IN LISER IN PURCHA- ACCOUNTED BILLED FOR FOLITIONENT	1000	NONE		NONE				·	ONNECTED
EQUIPMENT BILLED	DILLLU	ID OF SAM62		ID OF SAM62		SAM ID: ID OF SAM62	VALIDITY PERIOD	VERSION NUMBER	NUMBER OF EQUIPMENT CONNECTED
ACCOUN-	2	YES		2		SAM ID	VALID	VERS	ER OF EC
PURCHA-	SING	ID OF USER ID YES		YES					NOMB
=	1	9		9	1				
ESE SE	OOF	USER		USER					
CAM	ONIII ID	ID OF SAM62		ID OF USER ID					
	_	REGISTRATION CONDITIONS	RECEIVER 51	REGISTRATION CONDITIONS	RECEIVER 201				

.

REGISTRATION LIST OF RECEIVER 51



	LIST SECTION							
CI SUATIDE TO	REGISTRATION LIST	× × ×						
	TO CONDITIONS	× × ×	× × ×					
	STATUS FLAG TO	RESTRI- CTION	CT I ON					
	MASTER EQUIPMENT	NONE	NONE					
	- EQUIPMENT BILLED	ID OF SAM62	ID OF SAM62					
	ACCOUN- TING	YES	ON N					
	PURCHA- SING	YES	YES					
	ER 10	ID OF USER ID	ID OF USER ID					
	SS	99	- C					
	SAM ID USER I	ID OF SAM62	ID OF SAM21:					
		RATION FIONS IVER 51	RATION TIONS VER 201					

 $\begin{array}{c} \text{VALIDITY PERIOD} & \frac{\times \times \times \times}{\times} \\ \text{VERSION NUMBER} & \frac{\times \times \times \times}{\times} \\ \text{NUMBER OF EQUIPMENT CONNECTED} & \frac{2}{2} \\ \end{array}$

ID OF SAM212

SAM ID: ID OF SAM62

REGISTRATION LIST OF RECEIVER 201

16.32

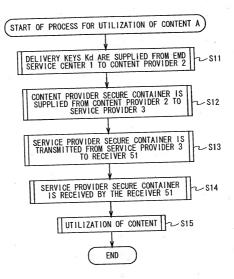
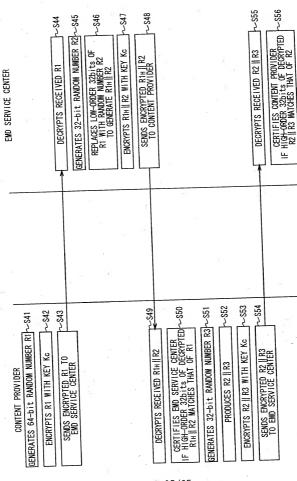


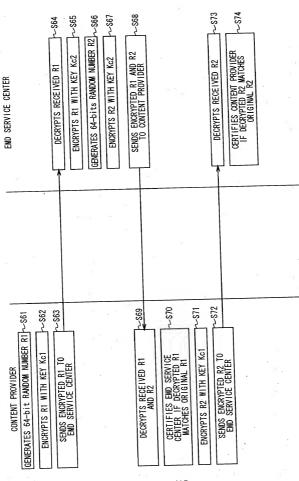
FIG. 33

F1G. 34

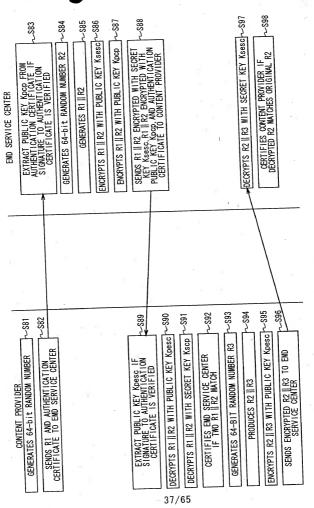
THE RESERVE OF THE PARTY OF THE

10





F1G. 36



F16.37

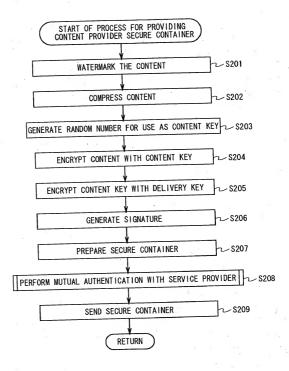


FIG. 38

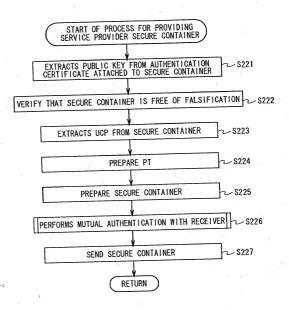
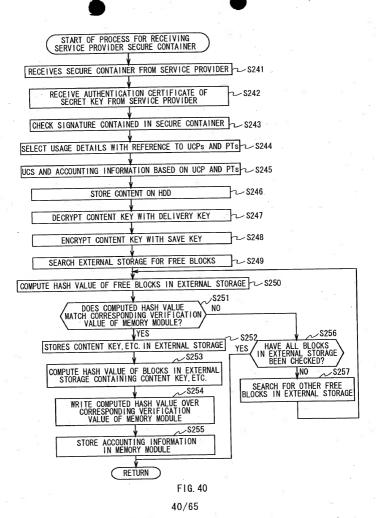
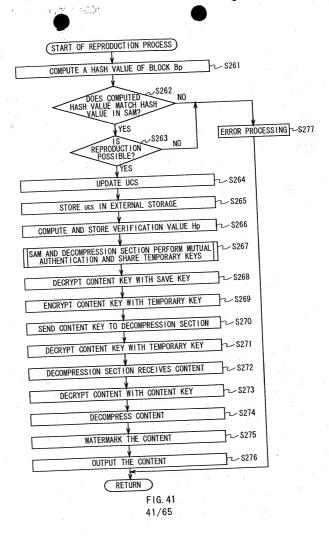


FIG. 39





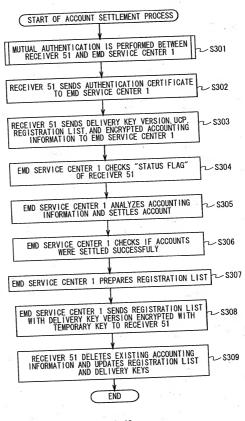
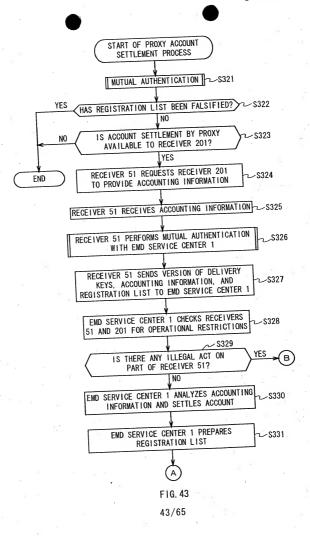
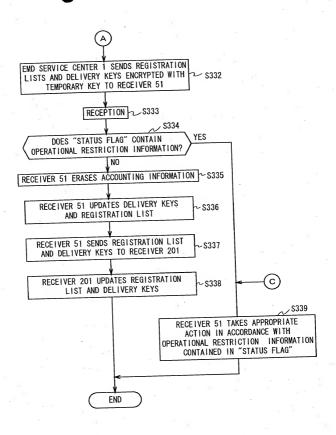


FIG. 42





Both of Mille

F1G. 44

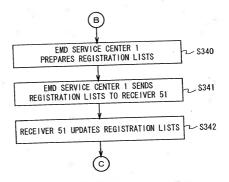
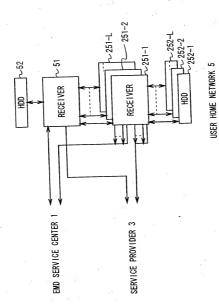


FIG. 45



16.46

LIST SECTION								
	SIGNATURE TO REGISTRATION LIST		× × ×					
	SIGNATURE	מוסו ו ומוס מו	× × ×		× × ×	× × ×		
	STATUS	FLAG	NO RESTRICTION	Q	RESTRICTION	NO RESTRICTION		
	MASTER	EOU! PMENT	NONE		NONE	NONE		
	EQUI PMENT	NTING BILLED	유	SAM 62	ID OF SAM 62	ID OF		
	ACCOII-	NTING	YES		2	9		
	DI IBCHA-	SING	YES		YES	YES		
		AM ID USER ID		SES	10 OF	10 OF		
		AM ID	T C	AM 62	- OF	ID OF		$\cdot $

VALIDITY PERIOD ×××××
VERSION NUMBER ×××××
NUMBER OF EQUIPMENT CONNECTED L+1

SAM INFORMATION SECTION

ID OF SAM 62

SAM ID

.

F1G. 47

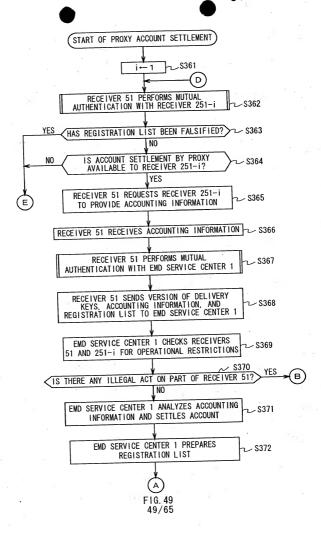
REGISTRATION
CONDITIONS OF
RECEIVER 51
REGISTRATION
CONDITIONS OF
REGISTRATIONS OF
REGI

			- LIST	SECTI	ON	
STRINATURE TO	REGISTRATION LIST		× × ×			·
CLCMATIBE	TO CONDITIONS		× × ×	× × ×	× × ×	
OILT TO	FLAG		NO RESTRICTION	NO RESTRICTION	NO RESTRICTION	
	MASTER EQUIPMENT		NONE	NONE	NONE	
	EQUI PIMENT		ID OF SAM 62	ID OF SAM 62	ID OF SAM 62	
	ACCOU- NT ING		YES	<u>8</u>	8	
	PURCHA-	2010	YES	YES	YES	
	ID USER ID		ID OF	ID OF USER	ID OF USER	
		_	P 69	₽₩	₽₩	

× × × ××× VALIDITY PERIOD VERSION NUMBER SAM ID

SAM INFORMATION SECTION

NUMBER OF EQUIPMENT CONNECTED



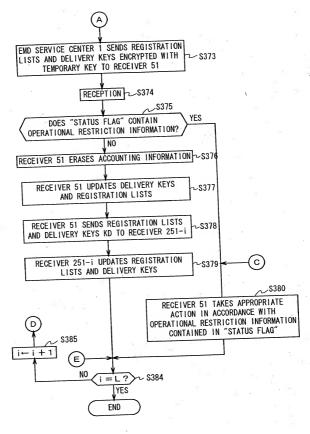


FIG. 50

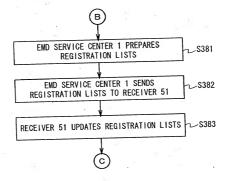
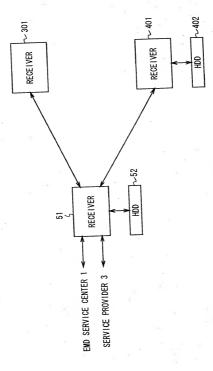
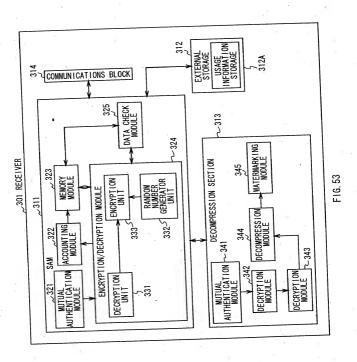


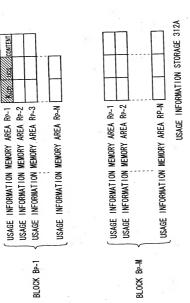
FIG. 51



F1G. 52

USER HOME NETWORK 5





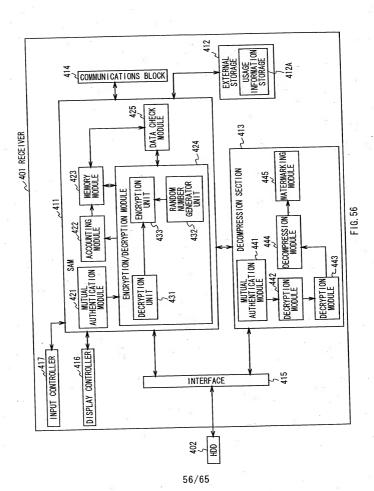
F1G. 54

	LIST SE	CTION
SIGNATURE TO REGISTRATION LIST	× × ×	, = .
SIGNATURE TO CONDITIONS	× × ×	÷
STATUS FLAG	NO RESTRICTION	
MASTER EQUI PMENT	ID OF SAM 62	
DU- EQUIPMENT	NONE	
SE	ON.	
PURCHA-	Q.	* .
SAM ID USER ID PURCHA-	ID OF USER	
SAM ID	ID OF ID OF SAM 311 USER	. *
	NS 0F 301	

SAM INFORMATION SECTION 1D OF SAM 311 × × × ××× NUMBER OF EQUIPMENT CONNECTED VALIDITY PERIOD VERSION NUMBER SAM ID

REGISTRATION LIST OF RECEIVER 301

F1G. 55



LIST SECTION					
SIGNATURE TO REGISTRATION LIST	× × ×	· · · · · · · · · · · · · · · · · · ·			
SIGNATURE TO CONDITIONS	× × ×	,			
STATUS FLAG	NO RESTRICTION				
MASTER EQUIPMENT	ID OF SAM 62				
ACCOU- EQUIPMENT	NONE	12. "			
ACCOU-	2				
PURCHA-	2	**			
SAM ID USER ID	ID OF USER	×			
SAM ID	ID OF SAM 411	4-			

SAM INFORMATION SECTION × × × ×××× NUMBER OF EQUIPMENT CONNECTED VALIDITY PERIOD VERSION NUMBER REGISTRATION LIST OF RECEIVER 401

ID OF SAM 411

SAM ID

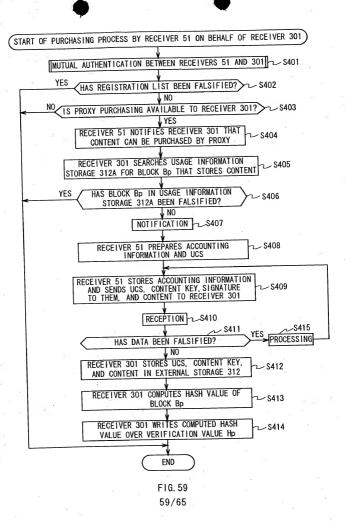
F1G. 57

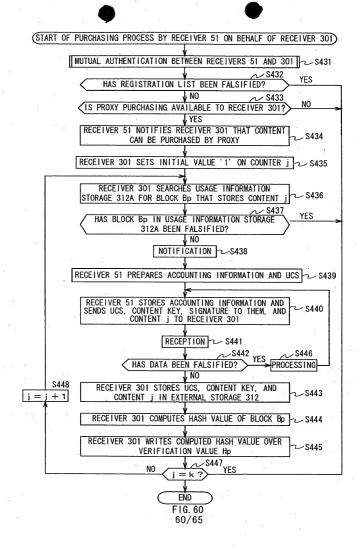
LIST SECTION					
STATUS SIGNATURE TO SIGNATURE TO FLAG CONDITIONS REGISTRATION LIST	,	× × ×	*		
SIGNATURE TO CONDITIONS	(1)	× × ×	× × ×	× × ×	
	1	RESTRICTION	NO RESTRICTION	RESTRICTION	
ACCOU- EQUIPMENT MASTER		NONE	ID OF SAM 62	ID OF SAM 62	
EQUIPMENT RILLED		ID OF SAM 62	NONE	NONE	
ACCOU-	N	YES	9	9	
SAM IN HISER ID PURCHA-	DING	YES	ON.	<u>Q</u>	
IISFR ID		ID OF USER	ID OF USER	ID OF USER	
CAMID		ID OF SAM 62	ID OF SAM 311	ID OF ID OF SAM 411 USER	
		REGISTRATION ID OF ID OF CONDITIONS OF SAM 62 USER RECEIVER 51	REGISTRATION ID OF ID OF CONDITIONS OF SAM 311 USER RECEIVER 301	REGISTRATION CONDITIONS OF RECEIVER 401	

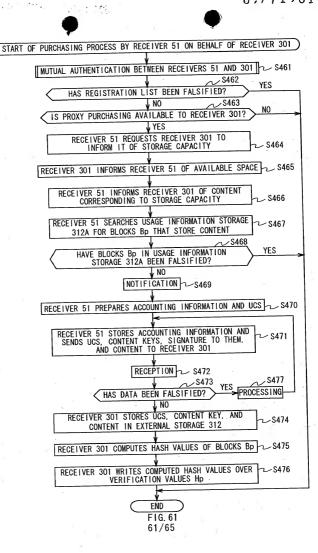
SAM 1D 1D OF SAM 62 VALIDITY PERIOD $\frac{\times \times \times \times}{\text{VERSION NUMBER}}$ SAM INFORMATION SECTION NUMBER OF EQUIPMENT CONNECTED $\frac{3}{3}$

REGISTRATION LIST

16.58







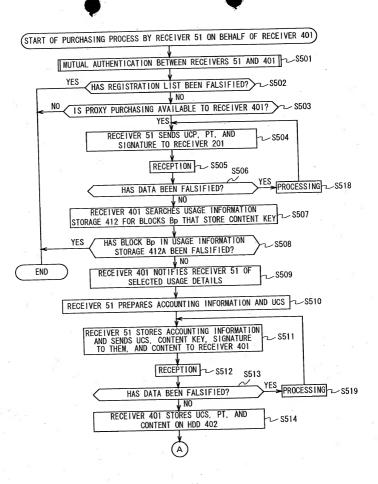


FIG. 62 62/65

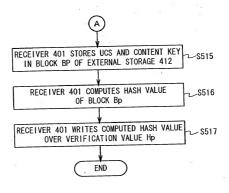


FIG. 63

Explanation of Reference Numerals

1 ... EMD service center, 2 ... content provider, 3 ... service provider, 5 ... user home network, 11 ... service provider management section, 12 ... content provider management section, 13 ...copyright management section, 14 ... key server, 15 ... log data management section, 16 ... profit-sharing section, 17 ... mutual authentication section, 18 ... user management section, 19 ... billing section, 20 ... cashier section, 21 ... audit section, 31 ... content server, 32 ...watermarking section, 33 ... compression section, 34 ... encryption section, 35 ... random number generator section, 36 ... encryption section, 37 ... policy storage section, 38 ... secure container preparation section, 39 ... mutual authentication section, 41 ... content server, 42 ... pricing section, 43 ... policy storage section, 44 ... secure container preparation section, 45 ... mutual authentication section, 51 ... receiver, 52 ... HDD, 61 ... communication block, 62 ... SAM, 63 ... external storage, 64 ... decompression section, 65 ... communication block, 66 ... interface, 67 ... display controller, 68 ... input controller, 71 ... mutual authentication module, 72 ... accounting module, 73 ... memory module, 74 ... encryption/decryption module, 75 ... data check module, 91 ... decryption unit, 92 ... random number generator unit, 93 ... encryption unit, 101 ... mutual authentication module, 102 ... decryption module, 103 ... decryption module, 104 ... decompression module, 105 ... watermarking module, 201 ... receiver, 202 ... HDD,

211 ... communication block, 212 ... SAM, 213 ... external storage, 214 ... decompression section, 215 ... communication block, 216 ... interface, 217 ... display controller, 218 ... input controller, 221 ... mutual authentication module, 222 ... accounting module, 223 ... memory module, 224 ... encryption/decryption module, 225 ... data check module, 231 ... decryption unit, 232 ... random number generator unit, 233 ... encryption unit, 241 ... mutual authentication module, 242 ... decryption module, 243 ... decryption module, 244 ... decompression module, 245 ... watermarking module, 301 ... receiver, 311 ... SAM, 312 ... external storage, 313 ... decompression section, 314 ... communication block, 321 ... mutual authentication module, 322 ... accounting module, 323 ... memory module, 324 ... encryption/decryption module, 325 ... data check module, 331 ... decryption unit, 332 ... random number generator unit, 333 ... encryption unit, 341 ... mutual authentication module, 342 ... decryption module, 344 ... decompression module, 345 ... watermarking module, 401 ... receiver, 402 ... HDD, 411 ... SAM, 412 ... external storage, 413 ... decompression section, 414 ... communication block, 415 ... interface, 416 ... display controller, 417 ... input controller, 421 ... mutual authentication module, 422 ... accounting module, 423 ... memory module, 424 ... encryption/decryption module, 425 ... data check module, 431 ... decryption unit, 432 ... random number generator unit, 433 ... encryption unit, 441 ... mutual authentication module, 442 ... decryption module, 443 ... decryption module, 444 ... decompression module, 445 ... watermarking module.